

In the Claims:

Amend claims 30, 53 and 54 as follows:

1-29. (cancelled)

30.(currently amended)      An electrical connection device for connecting a multi-core machine cable to a suitable other electrical device, the multi-core machine cable being of the type having insulated cores individually surrounded by earth-potential layers, the device comprising:

an insulating body;

a plurality of insulating sleeves extending into the body;

a plurality of core coupling means each being at least in part positioned in a respective insulating sleeve, each core coupling means being connectable to a respective core of the machine cable and having a first contact surface for connecting to a terminal of the suitable other electrical device so as to provide electrical connections of the machine cable with the suitable other electrical device; and

a plurality of spaced apart earth coupling means surrounding at least a portion of respective insulating sleeves, each earth coupling means being connectable to a respective earth-potential layer of the machine cable and having a second contact surface for connecting to an earth potential terminal of the suitable other electrical device,

wherein the core coupling means are earth-potential screened from one another and said earth coupling means are, within said body, electrically isolated from each other, so that a continuation of individual earth-connections to the suitable other electrical connection device is possible.

31.(previously presented) The electrical connection device as claimed in claim 30 wherein each core coupling means is surrounded by a respective insulating sleeve which is surrounded along its length by a respective earth-potential coupling means which typically comprises a conductive layer.

32.(previously presented) The electrical connection device as claimed in claim 30 arranged such that, within the body, each core and the respective core coupling means are, in use, surrounded by a respective conductive layer or by the earth potential layer of the respective core.

33.(previously presented) The electrical connection device as claimed in claim 30 wherein each insulating sleeve is surrounded along its length by a respective conductive layer.

34.(previously presented) The electrical connection device as claimed in claim 30 wherein the core coupling means comprises a pin.

35.(previously presented) The electrical connection device as claimed in claim 30 wherein the core coupling means comprises a socket.

36.(previously presented) The electrical connection device as claimed in claim 30 having ring-like contacts which comprise the second contact surfaces, each ring-like contact being positioned at a respective one of the apertures and electrically contactable with respective ones of individual conductive layers which the earth coupling means comprises.

37.(previously presented) The electrical connection device as claimed claim 30 having ring-like contacts which comprise the second contact surface, each ring-like contact being positioned within a respective one of the apertures and electrically contactable with respective ones of the individual conductive layers.

38.(previously presented) The electrical connection device as claimed in claim 30 wherein the insulating sleeves are provided in form of tubes.

39.(previously presented) The electrical connection device as claimed in claim 38 wherein each tube has a thread at one end.

40.(previously presented) The electrical connection device as claimed in claim 36 wherein the insulating sleeves are provided in form of tubes having a thread at one end and wherein the ring-like contacts are provided in form of nuts that are receivable by the threads of the insulating tubes.

41.(previously presented) The electrical connection device as claimed in claim 37 wherein the insulating sleeves are provided in form of tubes having a thread at one end and

wherein the ring-like contacts are provided in form of nuts that are receivable by the threads of the insulating tubes.

42.(previously presented) The electrical connection device as claimed in claim 41 wherein, in use, each conductive layer is in electrical contact with a respective nut.

43.(previously presented) The electrical connection device as claimed in claim 42 wherein each nut has an electrical conductive surface on its thread.

44.(previously presented) The electrical connection device as claimed in claim 43 wherein each nut is composed of an electrically conductive material

45.(previously presented) The electrical connection device as claimed in claim 30 arranged such that, when the electrical connection device is connected to the suitable other electrical device, a coupling means of the suitable other electrical device is positioned at least in part within a respective one of the insulating sleeves of the electrical connection device.

46.(previously presented) The electrical connection device as claimed in claim 30 wherein the multi-core machine cable is a three-core machine cable and the electrical connection device comprises three apertures and three insulating tubes associated with the apertures.

47.(previously presented) The electrical connection device as claimed in claim 30 wherein the device comprises an exterior surface portion that is metallic.

48.(previously presented) The electrical connection device as claimed in claim 30 wherein the device comprises an exterior surface portion that is electrically insulating.

49.(previously presented) The electrical connection device as claimed in claims 48 wherein the body is composed of a polymeric material.

50.(previously presented) The electrical connection device as claimed in claim 30 wherein each insulating sleeve is surrounded by a plurality of conductive layer which are electrically isolated so that, in use, a plurality of separate earth potential screens is established.

51.(previously presented) The electrical connection device as claimed in claim 30 being suitable for delivery of more than 100 kW of power.

52.(previously presented) The electrical connection device as claimed in claim 30 being suitable for delivery of more than 1 MW of power.

53.(currently amended) An electrical connection device for connection to a suitable other electrical device the device comprising:

a multi-core machine cable of the type having insulated cores individually surrounded

by earth-potential layers;

an insulating body;

a plurality of insulating sleeves extending into the body;

a plurality of core coupling means each being at least in part positioned in a respective insulating sleeve, each core coupling means being connected to a respective core of the machine cable and having a first contact surface for connecting to a terminal of the suitable other electrical device so as to provide electrical connections of the machine cable with the suitable other electrical device; and

a plurality of spaced apart earth coupling means surrounding respective insulating sleeves, each earth coupling means being connected to a respective earth-potential layer of the machine cable such that, within the body, each core and the respective core coupling means are surrounded by a respective conductive layer or by the earth potential layer of the respective core, the earth coupling means having a second contact surface for connecting to an earth potential terminal of the suitable other electrical device,

wherein the core coupling means are earth-potential screened from one another and said earth coupling means are, within said body, electrically isolated from each other, so that a continuation of individual earth-connections to the suitable other electrical connection device is possible.

54.(previously presented) A system comprising:

at least one electrical connection devices as claimed in claim ~~[[1]]~~ 30;

at least one multi-core machine cable being of the type having insulated cores individually surrounded by earth-potential layers; and

at least one electrical machine,

wherein the system is arranged so that electricity is delivered through the or each machine cable and through the or each electrical connection device and wherein the electricity associated with each core is individually earth-potential screened in the multi-core cable and in the or each electrical connection device.